Figure 1

CLIENT REQUESTS WIRELESS IP SESSION — 40

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NEAREST BASE STATION RECEIVES REQUEST; ASSOCIATED DATA CENTER DETERMINES HOME OF CLIENT — 42

↓

DATA CENTER ACCESSES AAA INFO ON CLIENT AT HOME SITE — 44

↓

46 — AAA SUCCESSFUL ? — NO → END — 48

YES ↓ 50

LINK TERMINAL AT LOCAL DATA CENTER GENERATES UNIQUE SESSION NAME, SHARED SECRET

↓

STORE SESSION NAME, SHARED SECRET AT LINK TERMINAL, CLIENT — 52

↓

SESSION COMMENCES USING SESSION NAME IN EACH MESSAGE AND ENCRYPTING W/ SHARED SECRET — 54

Fig. 2
Session Set-up

CLIENT MOVES AWAY FROM FIRST BASE STATION AND TOWARD SECOND — 56

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SECOND BASE STATION DETECTS TRANSMISSIONS FROM CLIENT — 58

↓

CLIENT NOTIFIES SECOND BASE STATION — 60

↓

62 — IMMINENT LOSS OF SIGNAL AT FIRST BASE STATION ? — NO (loops back)

YES ↓

FIRST BASE STATION AUTHORIZES CLIENT TO TRANSMIT SHARED SECRET, SESSION NAME TO SECOND BASE STATION — 64

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LINK TERMINAL AT DATA CENTER ASSOC. W/ SECOND BASE STATION STORES SESSION NAME, SHARED SECRET — 66

↓

SESSION RESTARTED AT SECOND LINK TERMINAL, BASE STATION — 68

Fig. 3
Session hand off